

A	B	C	D	E	F	G	H	I	J	K
74				#VALUE!	#VALUE!					Adjusted Level of Significance (β)
75				Approximate Chi Square Value (22.83, α)	12.96					Adjusted Chi Square Value (22.83, β)
76				95% Gamma Approximate UCL (use when n>=50)	0.108					95% Gamma Adjusted UCL (use when n<50)
77					#VALUE!					
78						Lognormal GOF Test on Detected Observations Only				
79				Shapiro Wilk Test Statistic	0.839					Shapiro Wilk GOF Test
80				5% Shapiro Wilk Critical Value	0.762					Detected Data appear Lognormal at 5% Significance L
81				Lilliefors Test Statistic	0.256					Lilliefors GOF Test
82				5% Lilliefors Critical Value	0.396					Detected Data appear Lognormal at 5% Significance L
83						Detected Data appear Lognormal at 5% Significance Level				
84						#VALUE!				
85						Lognormal ROS Statistics Using Imputed Non-Detects				
86				Mean in Original Scale	0.0624					Mean in Log Scale
87				SD in Original Scale	0.0289					SD in Log Scale
88				95% t UCL (assumes normality of ROS data)	0.0862					95% Percentile Bootstrap UCL
89				95% BCA Bootstrap UCL	0.0798					95% Bootstrap t UCL
90				95% H-UCL (Log ROS)	0.121					#VALUE!
91						#VALUE!				
92						UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed				
93				KM Mean (logged)	-3.073					95% H-UCL (KM -Log)
94				KM SD (logged)	0.852					95% Critical H Value (KM-Log)
95				KM Standard Error of Mean (logged)	0.389					#VALUE!
96						#VALUE!				
97						DL/2 Statistics				
98				DL/2 Normal						DL/2 Log-Transformed
99				Mean in Original Scale	0.0588					Mean in Log Scale
100				SD in Original Scale	0.035					SD in Log Scale
101				95% t UCL (Assumes normality)	0.0877					95% H-Stat UCL
102						DL/2 is not a recommended method, provided for comparisons and historical reasons				
103						#VALUE!				
104						Nonparametric Distribution Free UCL Statistics				
105						Detected Data appear Normal Distributed at 5% Significance Level				
106						#VALUE!				
107						Suggested UCL to Use				
108				95% KM (t) UCL	0.0879					95% KM (Percentile Bootstrap) UCL
109				#VALUE!						
110				Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.						
111				Recommendations are based upon data size, data distribution, and skewness.						
112				These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).						
113				However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statisticia						
114				#VALUE!						

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11	
12	
13	6
14	1
15	1
16	0.0079
17	0.0079
18	16.67%
19	0.0251
20	0.36
21	-2.733
22	0.389
23	
24	
25	
26	
27	
28	
29	
30	
31	vel
32	
33	vel
34	
35	
36	
37	0.0141
38	0.0783
39	0.08
40	0.0792
41	0.121
42	0.2
43	
44	
45	
46	ce Level
47	
48	ce Level
49	
50	
51	
52	3.67
53	0.019
54	36.7
55	0.0364
56	
57	
58	44.54
59	26.05
60	0.102
61	
62	
63	
64	
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66	
67	0.0611
68	0.0605
69	0.508
70	1.903
71	0.0321
72	22.83
73	0.0443

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74	0.0122
75	10.38
76	0.134
77	
78	
79	
80	evel
81	
82	evel
83	
84	
85	
86	-2.879
87	0.522
88	0.0798
89	0.0874
90	#VALUE!
91	
92	
93	0.265
94	3.63
95	#VALUE!
96	
97	
98	
99	-3.189
100	1.2
101	1.128
102	
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105	
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108	0.08
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